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IVAM

... handling cells. Interconnection technologies: **Silicon-ceramic**-glass-metal interconnection by **anodic** and eutectic **bonding**; Plastic-plastic ...

www.ivam.de/en/services/avt-services.html - 13k - [Cached](#) - [Similar pages](#)

Bonding Technologies

... **Bonding**. **Anodic Bonding**. ... Top of page, Wire **Bonding**. Wire ... microns. On or between glass, **silicon**, **ceramic**, printed circuit boards with metal **bond** pads. ...

www.gesim.de/Services/Bonding/body_bonding.htm - 12k - [Cached](#) - [Similar pages](#)

IMAPS - International Microelectronics And Packaging Society

... carriers, which then is used for **anodic bonding** directly to **silicon** wafers providing a ... interest for Low Temperature Co-fired **Ceramic** (LTCC) technology ...

www.imaps.org/adv_micro/2002jan_feb/9.html - 39k - [Cached](#) - [Similar pages](#)

ATG: Glass and Ceramic Materials for Electronics Products and ...

... approximately 500°C. SW series substrates are made by aluminosilicate glass and it is most ideal materials for **bonding** with **silicon** by **anodic bonding** process. ...

www.atgc.co.jp/div/material/hebin/he7000.html - 4k - [Cached](#) - [Similar pages](#)

SESIBON : Sensor encapsulation by silicon bonding

... Metal to glass **anodic bonding** was used to package a piezoresistive **Silicon/Pyrex** sensor ... were integrated on the metallic plate by anodically **bonding** a pyrex ...

www.bbw.admin.ch/html/pages/abstracts/html/fp/fp5/5gr99.0294.html - 19k - [Cached](#) - [Similar pages](#)

[PDF] Microsoft PowerPoint - Mikrostrukturtechnik II-6-assembly&packaging ...

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... eg BCB • Non-hermetic encapsulation • **Anodic** – glass as **bonding** material, 300 ... MA Cap-on-Chip Concept • Etched **Silicon**, **Ceramic**, Glass – LPCVD ...

hermes.material.uu.se/~klas/MSTII-6-assembly&packaging.pdf - [Similar pages](#)

Joining Technology

... Perform **anodic bonding**, glass frit ... topside and double-side mask alignment and **bond** alignment for ... system · Range of wet stations for **silicon**, glass, **ceramic** ...

www.simtech.a-star.edu.sg/research/JT/equipment.html - 10k - [Cached](#) - [Similar pages](#)

Anodic bonding: View

... **Anodic bonding**, Side. ... 1st **bonded** material. ...

www.mems-exchange.org/catalog/P1953/ - 18k - [Cached](#) - [Similar pages](#)

FUJI ELECTRIC

... The mechanism by which **silicon** forms an **anodic bond** with **ceramic** sputtered glass film is also identified through analysis of the **ceramic**-glass film interface ...

www.fujielectric.co.jp/eng/company/tech/contents2002_09.html - 17k - [Cached](#) - [Similar pages](#)

SICO Technology GmbH - Bad Bleiberg 176 - Tel.: +43 (0) 4244-5151-0 ...

... **Ceramic** Our mission is to consult and guide you through your needs of new ... It is also possible to **bond silicon** on quartz glass. This is called **anodic bonding**. ...

www.sico.at/sico/products.html - 29k - [Cached](#) - [Similar pages](#)

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... By screen-printing glass suitable for **anodic bonding** directly on **LTCC** substrates and using **anodic bonding** to attach the **LTCC** to a silicon wafer, small hermetic ...

www.imaps.org/adv_micro/2002jan_feb/9.html - 39k - [Cached](#) - [Similar pages](#)

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... applications, high frequency band pass filters, **LTCC** for low ... modular integrated microsystems, 3D compact packaging, **anodic bonding**, production packaging for ...

www.imaps.org/adv_micro/2001may_jun/11.html - 52k - [Cached](#) - [Similar pages](#)

Microchannel Technology

... and characterization of a subtractive technique for machining **ltcc** tapes", "Ninth ... Rodriguez and Rogerio Furlan, "Study of **anodic bonding** between silicon ...

cu-www.upr.clu.edu/~rfurlan/Microchannel%20Technology.htm - 8k - [Cached](#) - [Similar pages](#)

ROGERIO FURLAN

... for **anodic bonding**", pp. 121. [18] Roberto Castillo Colon, Rogerio Furlan, and Idalia Ramos, "Analysis of Low Temperature Co-Fired Ceramics (**LTCC**) as a ...

cu-www.upr.clu.edu/~nmems/ - 31k - [Cached](#) - [Similar pages](#)

[PDF] Microsoft PowerPoint - Mikrostrukturtechnik II-6-assembly&packaging ...

File Format: PDF/Adobe Acrobat

... dipping application • High-T polymers: polyimide, BCB • Epoxies MEMS Wafer Glass Cap or **LTCC** wafer Printed glass walls (1) Print **anodic bonding** glass (2 ...

hermes.material.uu.se/~klas/MSTII-6-assembly&packaging.pdf - [Similar pages](#)

IMEGO

... The aim of this project is to develop multi-layer glass (**LTCC** = Low Temperature Cofired Ceramics) to fit the **anodic bonding** process to silicon. ...

www.imego.se/en/OngoingProjects.asp - 13k - [Cached](#) - [Similar pages](#)

[PDF] Elektronikbyggsätt

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... 1. Mer om konceptet kan läsas i artikeln "Printed Glass for **Anodic Bonding** -A Packaging Concept for MEMS and System On a Chip". **LTCC** som bärmaterial ...

www.imego.se/downloads/IM2002/ElectronicPackaging.pdf - [Similar pages](#)

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Journal/ Conference Papers

... of Meshed Ground Planes on Broadband Performance of **LTCC** Interconnects, 4th ... **Bonding** Temperature and Voltage in Silicon-to-Glass **Anodic Bonding**, 4th Electronics ...

www.simtech.a-star.edu.sg/publication/JT/publication-JT2002.html - 19k - [Cached](#) - [Similar pages](#)

[PDF] The development of integrated microfluidic systems at GeSiM

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... wet bulk micromachining, double-sided lithography, **anodic bonding**, die and wire **bonding**, micro-adhesive bindings, and micromachining of **LTCC** (low- temperature ...

[www.rsc.org/CFCard/displayarticlefree.cfm?article=8-9%223%24%5D*%5CB!4._L1\(6%2COZ5%5D%404PUX%3D29%23%3C0A](http://www.rsc.org/CFCard/displayarticlefree.cfm?article=8-9%223%24%5D*%5CB!4._L1(6%2COZ5%5D%404PUX%3D29%23%3C0A) - [Similar pages](#)

January 2003 IEEE Cork Workshop Blarney Park Hotel, Cork, Ireland

... Katrin Persson described the work using screen-printable glass to **LTCC** substrates

used then for **anodic bonding** of silicon wafers giving hermetic encapsulation ...
www.ewh.ieee.org/soc/cpmt/newsletter/200303/cork.html - 17k - Cached - Similar pages

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